

L Number	Hits	Search Text	DB	Time stamp
1	0	(rotor near4 magnetic\$5 near4 insulat\$4) and (core near4 coil near6 stator) and (rotor near4 shaft) and (oscillat\$4 vibrator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:51
2	151	73/862.331.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
3	211	73/862.335.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
4	309	73/862.333.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:58
5	112	73/862.336.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
6	84	73/862.334.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 14:03
7	3	(73/862.331.ccls. 73/862.335.ccls. 73/862.333.ccls. 73/862.336.ccls. 73/862.334.ccls.) and (rotor and core and coil and stator) and (((guide near2 ring) or bearing) near4 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 14:10
-	142	73/862.331.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
-	2	6532831.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/02 16:37
-	10	("2498282" "4881414" "4907460" "4972725" "5046372" "5083468" "5195382" "5578767" "5637997" "5796014" "2001/0004849").PN.	USPAT	2003/09/02 16:38
-	207	73/862.335.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
-	303	73/862.333.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55

-	111	73/862.336.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
-	0	6532831.URPN.	USPAT	2003/09/02 16:58
-	5	((rotor near6 (core coil)) same ((first second two pair) near5 rotor) same ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) same ((rotat\$4 near4 guid\$4) or ((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/02 17:15
-	368	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/02 17:21
-	199	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:43
-	142	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:16
-	94	((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:08
-	120	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:42
-	166	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) and ((shaft bar column) near8 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:18

-	10	(((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar column) near8 rotor)) and (rotor near6 (conduct\$4 copper cu metal\$4 silver steel nickel) near6 (layer film strip))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:23
-	10	(((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and (rotor near6 (conduct\$4 copper cu metal\$4 silver steel nickel) near6 (layer film strip))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:24
-	114	(rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:32
-	84	(((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or ((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar column) near8 rotor)) and ((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:18
-	84	((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar column) near8 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:19

-	18	(rotor near6 (core coil)) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and (((ring rotat\$4 annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) or bearing) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((second plural\$4 two pair) near3 rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 16:36
-	18	4522278.URPN.	USPAT	2003/09/03 16:57
-	2	4996890.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 15:37
-	2	5490431.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 15:38
-	17	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) same ((second plural\$4 two pair) near3 rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 16:40
-	6	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) same (rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4) same ((second plural\$4 two pair) near3 rotor near4 ((nonmagnetic\$4 near3 metal\$4) or copper or cu)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 16:00
-	15843	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 12:53
-	530	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 element film ring portion circumferen\$6 surround\$4 encircl\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:01
-	50	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 element film ring portion circumferen\$6 surround\$4 encircl\$4)))) and rotor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:00
-	203	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 element film ring portion circumferen\$6 surround\$4 encircl\$4)))) and (rotor shaft)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:02
-	552	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4 encircl\$4))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:02

-	212	(((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4 encircl\$4)))) and (rotor shaft)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:14
-	6	("4356732" "4881414" "5200698" "5390546" "5426986" "5578767").PN.	USPAT	2003/09/11 13:12
-	6	("4356732" "4881414" "5200698" "5390546" "5426986" "5578767").PN.	USPAT	2003/09/11 13:53
-	14	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and (rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4) and ((second plural\$4 two pair) near3 rotor near4 ((nonmagnetic\$4 near3 metal\$4) or copper or cu)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 16:57
-	10	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((rotor shaft) near6 (nonmagnetic\$4 insulat\$4 resin\$4) and ((second plural\$4 two pair) near3 (shaft rotor) near4 ((nonmagnetic\$4 near3 metal\$4) or copper or cu))) and ((serrate\$4 project\$4 layer film) near6 (circumferen\$6 surround\$4 encircl\$4) near4 (rotor shaft))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 17:15
-	14	(((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper) near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4 encircl\$4)))) and (rotor shaft) and (core near4 insulat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:28
-	283	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4 insulat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:33
-	8	(((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4 insulat\$4)) and 73/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:31
-	30	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4 insulat\$4 near4 magnetic\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 16:06
-	3	("4881414" "3890515" "4412198").pn.	USPAT	2003/09/12 16:07